

10/565539

IAP20 Rec'd FCT/PTO 23 JAN 2006

**THE FOLLOWING ARE THE ENGLISH TRANSLATION
OF ANNEXES TO THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT (ARTICLE 34):**

Amended Sheet (Page 16)

We claim

IAP20 Rec'd FCT/PTO 23 JAN 2006

1. A process for preparing silane-modified thermoplastic polyurethane, wherein thermoplastic polyurethane is reacted with silane which has an isocyanate group.
5
2. The process according to claim 1, wherein the silane used comprises at least one of the following compounds: γ -isocyanatopropyltrimethoxysilane, isocyanatomethyltrimethoxysilane, γ -isocyanatopropyltriethoxysilane, and/or isocyanatomethyltriethoxysilane.
10
3. The process according to claim 1, wherein from 0.001 to 0.20 mol of silane is used for each 100 g of thermoplastic polyurethane.
15
4. The process according to claim 1, wherein the silane-modified thermoplastic polyurethane is spun to give fibers, or is extruded to give hoses, and then the thermoplastic polyurethane is crosslinked by way of the silane groups by means of moisture.
20
5. The process according to claim 4, wherein the catalyst used for the crosslinking by means of moisture comprises Lewis acids, Lewis bases, Brönsted bases, Brönsted acids.
25
6. A polyurethane obtainable via a process according to any of claims 1 to 5.
7. A fiber based on thermoplastic polyurethane obtainable according to any of claims 1 to 5.
30
8. A hose based on thermoplastic polyurethane obtainable according to any of claims 1 to 5.
9. A cable sheathing based on thermoplastic polyurethane obtainable according to any of claims 1 to 5.
35
10. The use of the thermoplastically processible polyurethane elastomers obtainable via a process according to any of claims 1 to 3 for extrusion products, injection-molded products, calendered products, or else for powder-slush processes.